

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Navitas Midstream Midland Basin, LLC

AUTHORIZING THE OPERATION OF
Spraberry Gas Plant
Natural Gas Liquids

LOCATED AT
Midland County, Texas
Latitude 31° 51' 18" Longitude 101° 47' 34"
Regulated Entity Number: RN100224823

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: 02560 Issuance Date: January 11, 2016

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

- D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. Emission units subject to 40 CFR Part 63, Subparts HH, ZZZZ, and DDDDD, as identified in the attached Applicable Requirements Summary table, are subject to 30 TAC Chapter 113, Subchapter C, §113.390, §113.1090, and §113.1130, respectively, which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

- (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:
- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
 - (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
 - (3) Records of all observations shall be maintained.
 - (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer’s eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:

- (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
- (ii) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
- (iii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
- (iv) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)

4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

- A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
- B. Title 40 CFR § 60.8 (relating to Performance Tests)

- C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
 6. For oil and natural gas production facilities as specified in 40 CFR Part 63, Subpart HH, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.390 incorporated by reference):
 - A. Title 40 CFR § 63.760(a)(1)(i) - (iii) (relating to Applicability and Designation of Affected Source)
 - B. Title 40 CFR § 63.775(d)(9) (relating to Reporting Requirements)
 7. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

8. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

9. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
10. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
11. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

12. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
13. Use of Discrete Emission Credits to comply with the applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117

- (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
- B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Permit Location

- 14. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

- 15. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Unit Summary 10

Applicable Requirements Summary 12

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
AGFLR-1	Flares	N/A	111A-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
AGFLR-1	Flares	N/A	60A-1	40 CFR Part 60, Subpart A	No changing attributes.
BLR-1	Boilers/ Steam Generators/ Steam Generating Units	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
COM-22C	SRIC Engines	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
COM-31A	SRIC Engines	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
COM-35	SRIC Engines	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
FLARE-HP	Flares	N/A	111A-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FLARE-HP	Flares	N/A	60A-1	40 CFR Part 60, Subpart A	No changing attributes.
FUG	Fugitive Emission Units	N/A	60KKK-1	40 CFR Part 60, Subpart KKK	No changing attributes.
FUG	Fugitive Emission Units	N/A	63HH-1	40 CFR Part 63, Subpart HH	No changing attributes.
FUG-COM-34	Fugitive Emission Units	N/A	60KKK-1	40 CFR Part 60, Subpart KKK	No changing attributes.
GLY-STILL	Glycol Dehydration	N/A	63HH-1	40 CFR Part 63, Subpart HH	No changing attributes.
GRP-ENGINES1	SRIC Engines	COM-10RA, COM-11RA, COM-12R, COM-13B, COM-23R, COM-28R, COM-33A, COM-34, COM-7A, COM-8B, COM-9RA	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-TANKS3	Storage Tanks/Vessels	TK-215, TK-217	60Kb-1	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-TURBINES1	Stationary Turbines	TUR-1D, TUR-2A	60GG-1	40 CFR Part 60, Subpart GG	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
HOHHTR-1	Boilers/ Steam Generators/ Steam Generating Units	N/A	60Dc-1	40 CFR Part 60, Subpart Dc	No changing attributes.
HOHHTR-1	Boilers/ Steam Generators/ Steam Generating Units	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HTR-1	Boilers/ Steam Generators/ Steam Generating Units	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HTR-14	Boilers/ Steam Generators/ Steam Generating Units	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HTR-DEHY	Boilers/ Steam Generators/ Steam Generating Units	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
TUR-3B	Stationary Turbines	N/A	60GG-1	40 CFR Part 60, Subpart GG	No changing attributes.
UWP	SRIC Engines	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
AGFLR-1	EP	111A-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
AGFLR-1	CD	60A-1	OPACITY	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
BLR-1	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD
COM-22C	EU	63ZZZZ-1	FORMALD EHYDE	40 CFR Part 63, Subpart ZZZZ	§ 63.6600(a)-Table1a.1.b § 63.6595(c) § 63.6600(a)-Table1b.1.a § 63.6600(a)-Table1b.1.b § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a)	For each 4SRB stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, except during periods of startup, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the	§ 63.6610(a) § 63.6610(b) § 63.6610(c) [G]§ 63.6610(d) § 63.6615 § 63.6620(a) § 63.6620(a)-Table3.3 § 63.6620(a)-Table4.3.a.i § 63.6620(a)-	§ 63.6620(i) § 63.6630(a)-Table5.9.a.iii § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6640(b)	stationary RICE exhaust to 350 ppbvd or less at 15 % O ₂ .	Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.iv § 63.6620(b) § 63.6620(b)(1) § 63.6620(d) [G]§ 63.6620(e)(2) [G]§ 63.6625(b) § 63.6630(a)-Table5.9.a.i § 63.6630(a)-Table5.9.a.ii § 63.6630(a)-Table5.9.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.7.a.i § 63.6640(a)-Table6.7.a.ii § 63.6640(a)-Table6.7.a.iii § 63.6640(a)-Table6.7.a.iv § 63.6640(a)-Table6.7.a.v § 63.6640(b)	[G]§ 63.6655(b) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(e) § 63.6650(f)
COM-31A	EU	63ZZZZ-1	FORMALD EHYDE	40 CFR Part 63, Subpart ZZZZ	§ 63.6600(b)-Table2a.2.b § 63.6595(c) § 63.6600(b)-Table2b.1.a § 63.6600(b)-Table2b.1.b	For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at	§ 63.6610(a) § 63.6610(b) § 63.6610(c) § 63.6615 § 63.6620(a) § 63.6620(a)-Table3.3	§ 63.6620(i) § 63.6630(a)-Table5.9.a.iii § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(c) § 63.6645(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6630(b) § 63.6640(b)	100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O ₂ .	§ 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.iv § 63.6620(b) § 63.6620(b)(2) § 63.6620(d) [G]§ 63.6620(e)(2) [G]§ 63.6625(b) § 63.6630(a)-Table5.9.a.i § 63.6630(a)-Table5.9.a.ii § 63.6630(a)-Table5.9.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.7.a.i § 63.6640(a)-Table6.7.a.ii § 63.6640(a)-Table6.7.a.iii § 63.6640(a)-Table6.7.a.iv § 63.6640(a)-Table6.7.a.v § 63.6640(b)	§ 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) [G]§ 63.6655(b) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6645(h) § 63.6645(h)(2) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(e) § 63.6650(f)
COM-35	EU	63ZZZZ-1	FORMALD EHYDE	40 CFR Part 63, Subpart ZZZZ	§ 63.6600(b)-Table2a.2.b § 63.6595(c) § 63.6600(b)-	For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more	§ 63.6610(a) § 63.6610(b) § 63.6610(c) § 63.6615	§ 63.6620(i) § 63.6630(a)-Table5.9.a.iii § 63.6635(a)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					Table2b.1.a § 63.6600(b)- Table2b.1.b § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6630(b) § 63.6640(b)	than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2.	§ 63.6620(a) § 63.6620(a)- Table3.3 § 63.6620(a)- Table4.3.a.i § 63.6620(a)- Table4.3.a.ii § 63.6620(a)- Table4.3.a.iii § 63.6620(a)- Table4.3.a.iv § 63.6620(b) § 63.6620(b)(2) § 63.6620(d) [G]§ 63.6620(e)(2) [G]§ 63.6625(b) § 63.6630(a)- Table5.9.a.i § 63.6630(a)- Table5.9.a.ii § 63.6630(a)- Table5.9.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)- Table6.7.a.i § 63.6640(a)- Table6.7.a.ii § 63.6640(a)- Table6.7.a.iii § 63.6640(a)- Table6.7.a.iv § 63.6640(a)- Table6.7.a.v § 63.6640(b)	§ 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) [G]§ 63.6655(b) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6645(a) § 63.6645(c) § 63.6645(g) § 63.6645(h) § 63.6645(h)(2) § 63.6650(a) § 63.6650(a)- Table7.1.a.i § 63.6650(a)- Table7.1.a.ii § 63.6650(a)- Table7.1.b § 63.6650(a)- Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FLARE-HP	EP	111A-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
FLARE-HP	CD	60A-1	OPACITY	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(5) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(6)	None	None
FUG	EU	60KKK-1	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(f)	Use this provision instead of §60.485(d)(1). Each component is presumed to be in VOC service or in wet gas service unless it is not. For a component to be considered not in VOC service, it must be determined that the % VOC content can never be expected to exceed 10.0 % by wt. For a component to be considered in wet gas service, it must be determined that it contains or contacts the field gas before the extraction step in the process. To determine VOC content use the procedures in §60.63.	§ 60.632(f)	§ 60.632(f)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FUG	EU	60KKK-1	VOC	40 CFR Part 60, Subpart KKK	§ 60.633(f)	Reciprocating compressors in wet gas service are exempt from the compressor control requirements of §60.482-3.	None	§ 60.486(j) § 60.635(c)	None
FUG	EU	63HH-1	112(B) HAPS	40 CFR Part 63, Subpart HH	§ 63.760(g)(2)	After the compliance date, ancillary equipment and compressors subject to this subpart and 40 CFR Part 61, subpart V are only required to comply with 40 the provisions of CFR Part 61, subpart V.	None	§ 63.774(b)(9)	None
FUG-COM-34	EU	60KKK-1	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(f)	Use this provision instead of §60.485(d)(1). Each component is presumed to be in VOC service or in wet gas service unless it is not. For a component to be considered not in VOC service, it must be determined that the % VOC content can never be expected to exceed 10.0 % by wt. For a component to be considered in wet gas service, it must be determined that it contains or contacts the field gas before the extraction step in the process. To determine VOC content use the procedures in §60.63.	§ 60.632(f)	§ 60.632(f)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FUG-COM-34	EU	60KKK-1	VOC	40 CFR Part 60, Subpart KKK	§ 60.633(f)	Reciprocating compressors in wet gas service are exempt from the compressor control requirements of §60.482-3.	None	§ 60.486(j) § 60.635(c)	None
GLY-STILL	EU	63HH-1	112(B) HAPS	40 CFR Part 63, Subpart HH	§ 63.765(b)(1)(i) § 63.764(a) § 63.764(j) § 63.765(b)(2) § 63.765(c)(3) § 63.771(c)(1) § 63.771(c)(2) § 63.771(d)(1) § 63.771(d)(1)(i)(A) § 63.771(d)(1)(i)(D) § 63.771(d)(4)(i) [G]§ 63.773(c)(3) § 63.773(c)(4)	The owner/operator shall connect the process vent to a control device, in accordance with §63.771(c), through a closed vent system, in accordance with §63.771(d).	§ 63.771(d)(3) [G]§ 63.772(c) § 63.772(e) [G]§ 63.773(c)(2)(i) [G]§ 63.773(c)(2)(ii) § 63.773(d)(6) § 63.773(d)(6)(i) § 63.773(d)(6)(iv) § 63.773(d)(7)	[G]§ 63.774(b)(1) § 63.774(b)(2) § 63.774(b)(4) § 63.774(b)(7) § 63.774(b)(7)(i) § 63.774(b)(7)(ii) § 63.774(b)(7)(iii) § 63.774(b)(7)(iv) § 63.774(b)(7)(v) § 63.774(b)(7)(vi) § 63.774(b)(7)(vii) § 63.774(b)(7)(viii) § 63.774(b)(8) § 63.774(g)	§ 63.764(b) [G]§ 63.773(c)(2)(i) [G]§ 63.773(c)(2)(ii) [G]§ 63.775(b)(1) § 63.775(b)(2) § 63.775(b)(3) § 63.775(b)(4) § 63.775(b)(5) § 63.775(b)(6) § 63.775(d) § 63.775(d)(10) § 63.775(d)(6) § 63.775(d)(7) § 63.775(e) § 63.775(e)(1) § 63.775(e)(2)(iii) § 63.775(e)(2)(xi) [G]§ 63.775(f) § 63.775(g)(1)
GRP-ENGINES1	EU	63ZZZZ-1	FORMALD EHYDE	40 CFR Part 63, Subpart ZZZZ	§ 63.6600(a)-Table1a.1.b § 63.6595(c) § 63.6600(a)-Table1b.1.a § 63.6600(a)-Table1b.1.b § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6630(b)	For each 4SRB stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, except during periods of startup, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to	§ 63.6610(a) § 63.6610(b) § 63.6610(c) § 63.6615 § 63.6620(a) § 63.6620(a)-Table3.3 § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-	§ 63.6620(i) § 63.6630(a)-Table5.9.a.iii § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) [G]§ 63.6655(b)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6645(h)(2) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6640(b)	350 ppbvd or less at 15 % O2.	Table4.3.a.iii § 63.6620(a)- Table4.3.a.iv § 63.6620(b) § 63.6620(b)(1) § 63.6620(d) [G]§ 63.6620(e)(2) [G]§ 63.6625(b) § 63.6630(a)- Table5.9.a.i § 63.6630(a)- Table5.9.a.ii § 63.6630(a)- Table5.9.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)- Table6.7.a.i § 63.6640(a)- Table6.7.a.ii § 63.6640(a)- Table6.7.a.iii § 63.6640(a)- Table6.7.a.iv § 63.6640(a)- Table6.7.a.v § 63.6640(b)	§ 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c)	Table7.1.a.ii § 63.6650(a)- Table7.1.b § 63.6650(a)- Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(e) § 63.6650(f)
GRP-TANKS3	EU	60Kb-1	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3)	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	[G]§ 60.113b(c)(1) § 60.113b(c)(2) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic	§ 60.115b [G]§ 60.115b(c) § 60.116b(a) § 60.116b(b)	[G]§ 60.113b(c)(1) § 60.115b

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							Monitoring Summary		
GRP-TURBINES1	EU	60GG-1	SO ₂	40 CFR Part 60, Subpart GG	§ 60.333(b)	No stationary gas turbine shall burn any fuel which contains sulfur in excess of 0.8% by weight.	§ 60.334(h) [G]§ 60.334(h)(3)	None	None
GRP-TURBINES1	EU	60GG-1	NO _x	40 CFR Part 60, Subpart GG	§ 60.332(a)(2) § 60.332(a)(3) § 60.332(k)	No owner or operator shall discharge into the atmosphere from any stationary gas turbine, any gases which contain nitrogen oxides in excess of the amount as determined from the specified equation.	[G]§ 60.335(a) § 60.335(b)(1) § 60.335(b)(2) § 60.335(c)(1) ** See Periodic Monitoring Summary	None	None
HOHHTR-1	EU	60Dc-1	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
HOHHTR-1	EU	60Dc-1	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
HOHHTR-1	EU	60Dc-1	PM (OPACITY)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed,	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3)	[G]§ 60.48c(a) § 60.48c(j)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).		§ 60.48c(i)	
HOHHTR-1	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD
HTR-1	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD
HTR-14	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					CFR Part 63, Subpart DDDDD				
HTR-DEHY	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD
TUR-3B	EU	60GG-1	SO ₂	40 CFR Part 60, Subpart GG	§ 60.333(b)	No stationary gas turbine shall burn any fuel which contains sulfur in excess of 0.8% by weight.	§ 60.334(h) [G]§ 60.334(h)(3)	None	None
TUR-3B	EU	60GG-1	NO _x	40 CFR Part 60, Subpart GG	§ 60.332(a)(2) § 60.332(a)(3) § 60.332(k)	No owner or operator shall discharge into the atmosphere from any stationary gas turbine, any gases which contain nitrogen oxides in excess of the amount as determined from the specified equation.	[G]§ 60.335(a) § 60.335(b)(1) § 60.335(b)(2) § 60.335(c)(1) ** See Periodic Monitoring Summary	None	None
UWP	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(b)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii § 63.6640(b)	§ 63.6625(i) § 63.6655(a) § 63.6655(a)(1) § 63.6655(d) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(b) § 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6640(f)(1) [G]§ 63.6640(f)(2) § 63.6640(f)(3)				

Additional Monitoring Requirements

Periodic Monitoring Summary 25

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-TANKS3	
Control Device ID No.: CVS	Control Device Type: Vapor Collection System
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-1
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: The closed vent system shall be operated with no detectable emissions as indicated by an instrument reading of less than 500 ppm above background.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with part 60, appendix A, method 21.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-TANKS3	
Control Device ID No.: CVS	Control Device Type: Vapor Collection System
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-1
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if any defects found are not repaired.	
Periodic Monitoring Text: Visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-TANKS3	
Control Device ID No.: VRU	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-1
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Tank headspace pressure	
Minimum Frequency: Weekly	
Averaging Period: n/a	
Deviation Limit: The maximum tank headspace pressure shall not exceed 5 oz/in ² .	
<p>Periodic Monitoring Text: Establish a maximum tank headspace pressure limit using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be calibrated, maintained, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-TURBINES1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart GG	SOP Index No.: 60GG-1
Pollutant: NO _x	Main Standard: § 60.332(a)(2)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: once per week	
Averaging Period: n/a*	
Deviation Limit: Maximum fuel consumption shall not exceed 17.43 MMBtu/hr.	
Periodic Monitoring Text: Measure and record fuel consumption. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-TURBINES1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart GG	SOP Index No.: 60GG-1
Pollutant: NO _x	Main Standard: § 60.332(a)(2)
Monitoring Information	
Indicator: NO _x Concentration	
Minimum Frequency: once every two years	
Averaging Period: n/a	
Deviation Limit: Maximum NO _x concentration shall not exceed 3.0 g/hp-hr.	
<p>Periodic Monitoring Text: Measure and record the nitrogen oxides concentration of the exhaust gas on a biennial calendar basis using Reference Method 7E or 20 to stack test the unit for NO_x emissions on a biennial calendar basis. Exhaust flow rate may be determined from measured fuel flow rate and EPA Method 19. California Air Resources Board Method A-100 (adopted June 29, 1983) is an acceptable alternate to EPA test methods. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TUR-3B	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart GG	SOP Index No.: 60GG-1
Pollutant: NO _x	Main Standard: § 60.332(a)(2)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: once per week	
Averaging Period: n/a*	
Deviation Limit: Maximum fuel consumption shall not exceed 35.0 MMBtu/hr.	
Periodic Monitoring Text: Measure and record fuel consumption. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TUR-3B	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart GG	SOP Index No.: 60GG-1
Pollutant: NO _x	Main Standard: § 60.332(a)(2)
Monitoring Information	
Indicator: NO _x Concentration	
Minimum Frequency: once every two years	
Averaging Period: n/a	
Deviation Limit: Maximum NO _x concentration shall not exceed 3.0 g/hp-hr.	
<p>Periodic Monitoring Text: Measure and record the nitrogen oxides concentration of the exhaust gas on a biennial calendar basis using Reference Method 7E or 20 to stack test the unit for NO_x emissions on a biennial calendar basis. Exhaust flow rate may be determined from measured fuel flow rate and EPA Method 19. California Air Resources Board Method A-100 (adopted June 29, 1983) is an acceptable alternate to EPA test methods. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p>	

Permit Shield

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Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
AGFLR-1	N/A	40 CFR Part 63, Subpart A	Flare is not required by a Subpart under 40 CFR Part 63.
BLR-1	N/A	40 CFR Part 60, Subpart Dc	Steam generating unit was constructed prior to and not modified/reconstructed after 06/09/1989.
COM-22C	N/A	40 CFR Part 60, Subpart JJJJ	Stationary SI ICE was manufactured prior to 07/01/2007 and not modified/reconstructed after 06/12/2006.
COM-31A	N/A	40 CFR Part 60, Subpart JJJJ	Stationary SI ICE was manufactured prior to 01/01/2008 and was not modified/reconstructed after 06/12/2006.
COM-35	N/A	40 CFR Part 60, Subpart JJJJ	Stationary SI ICE was manufactured prior to 01/01/2008 and was not modified/reconstructed after 06/12/2006.
FLARE-HP	N/A	40 CFR Part 63, Subpart A	Flare is not required by a Subpart under 40 CFR Part 63.
GRP-COMPRESS	TUR-COMP-1D, TUR-COMP-2A, TUR-COMP-3B	40 CFR Part 60, Subpart OOOO	Centrifugal compressor commenced construction prior to and was not modified/reconstructed after 08/23/2011.
GRP-ENGINES1	COM-10RA, COM-11RA, COM-12R, COM-13B, COM-23R, COM-28R, COM-33A, COM-34, COM-7A, COM-8B, COM-9RA	40 CFR Part 60, Subpart JJJJ	Stationary SI ICE was manufactured prior to 07/01/2007 and was not modified/reconstructed after 06/12/2006.
GRP-ENGINES3	COM-29B, COM-30B, COM-32B	40 CFR Part 60, Subpart JJJJ	Stationary SI ICE was manufactured prior to 01/01/2008 and was not modified/reconstructed after 06/12/2006.
GRP-ENGINES3	COM-29B, COM-30B, COM-32B	40 CFR Part 63, Subpart ZZZZ	Stationary SI ICE is an existing 4SLB engine greater than 500 HP located at a major source of HAPs.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP-TANKS1	TK-214, TK-55, TK-6	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 m3.
GRP-TANKS2	TK-18, TK-21, TK-22, TK-23, TK-32, TK-36, TK-38, TK-50, TK-8	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 m3.
GRP-TANKS4	TK-DIESEL, TK-GAS	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 m3.
GRP-TOWERS	CT36, CT37	40 CFR Part 63, Subpart Q	Industrial process cooling tower has not operated with chromium-based water treatment chemicals after 09/08/1994.
GRP-TURBINES1	TUR-1D, TUR-2A	40 CFR Part 60, Subpart KKKK	Stationary combustion turbine commenced construction prior to and was not modified/reconstructed after 02/18/2005.
GRP-TURBINES1	TUR-1D, TUR-2A	40 CFR Part 63, Subpart YYYY	Stationary combustion turbine was constructed prior to and not reconstructed after 01/14/2003.
HTR-1	N/A	40 CFR Part 60, Subpart Dc	Steam generating unit has a maximum design heat input capacity less than 10 MMBtu/hr.
HTR-14	N/A	40 CFR Part 60, Subpart Dc	Steam generating unit has a maximum design heat input capacity less than 10 MMBtu/hr.
HTR-DEHY	N/A	40 CFR Part 60, Subpart Dc	Steam generating unit has a maximum design heat input capacity less than 10 MMBtu/hr.
LOAD-BLIMP	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Transfer operation is not located in a covered attainment county.
LOAD-OIL	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Transfer operation is not located in a covered attainment county.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
LOAD-WATER	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Transfer operation is not located in a covered attainment county.
TK-3	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel is designed to operate in excess of 204.9 kPa and without emissions to the atmosphere.
TK-31	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 m3.
TUR-3B	N/A	40 CFR Part 60, Subpart KKKK	Stationary combustion turbine commenced construction prior to and was not modified/reconstructed after 02/18/2005.
TUR-3B	N/A	40 CFR Part 63, Subpart YYYY	Stationary combustion turbine was constructed prior to and not reconstructed after 01/14/2003.
UWP	N/A	40 CFR Part 60, Subpart IIII	Stationary CI ICE was manufactured prior to 04/01/2006 and was not modified/reconstructed after 07/11/2005.

New Source Review Authorization References

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New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 17719	Issuance Date: 09/12/2014
Authorization No.: 5665A	Issuance Date: 03/23/2010
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.352	Version No./Date: 09/04/2000
Number: 106.352	Version No./Date: 02/27/2011
Number: 106.352	Version No./Date: 11/22/2012
Number: 106.359	Version No./Date: 09/10/2013
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 03/14/1997
Number: 106.512	Version No./Date: 06/13/2001
Number: 7	Version No./Date: 05/08/1972
Number: 7	Version No./Date: 06/07/1996
Number: 61	Version No./Date: 05/08/1972
Number: 66	Version No./Date: 11/05/1986

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
AGFLR-1	ACID GAS FLARE	17719
BLR-1	STEAM BOILER	5665A
COM-10RA	WHITE SUPERIOR 8G825 SI ICE - 4SRB 800 HP	5665A
COM-11RA	WHITE SUPERIOR 8G825 SI ICE - 4SRB 800 HP	5665A
COM-12R	WHITE SUPERIOR 8G825 SI ICE - 4SRB 800 HP	5665A
COM-13B	WHITE SUPERIOR 8G825 SI ICE - 4SRB 667 HP	106.512/06/13/2001
COM-22C	WHITE SUPERIOR 8G825 SI ICE - 4SRB 800 HP	5665A
COM-23R	WHITE SUPERIOR 6G825 SI ICE - 4SRB 600 HP	5665A
COM-28R	WHITE SUPERIOR 8G825 SI ICE - 4SRB 800 HP	5665A
COM-29B	CATERPILLAR G3516TALE SI ICE - 4SLB 1085 HP	106.512/06/13/2001
COM-30B	CATERPILLAR G3516TALE SI ICE - 4SLB 1085 HP	106.512/06/13/2001
COM-31A	CATERPILLAR G3516TALE SI ICE - 4SLB 1150 HP	106.512/06/13/2001
COM-32B	CATERPILLAR G3516TALE SI ICE - 4SLB 1085 HP	106.512/06/13/2001
COM-33A	WHITE SUPERIOR 8G825 SI ICE - 4SRB 667 HP	106.512/06/13/2001
COM-34	WHITE SUPERIOR 6G825 SI ICE - 4SRB 600 HP	106.512/06/13/2001
COM-35	CATERPILLAR G3516TALE SI ICE - 4SLB 1150 HP	106.512/06/13/2001
COM-7A	WHITE SUPERIOR 8G825 SI ICE - 4SRB 667 HP	106.512/06/13/2001
COM-8B	WHITE SUPERIOR 6G825 SI ICE - 4SRB 600 HP	106.512/06/13/2001
COM-9RA	WHITE SUPERIOR 6G825 SI ICE - 4SRB 600 HP	5665A

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
CT36	MARLEY COOLING TOWER	106.371/09/04/2000
CT37	MARLEY COOLING TOWER	106.371/09/04/2000
FLARE-HP	HP ACID GAS FLARE	5665A
FUG-COM-34	COM-34 SI ICE FUGITIVES	106.352/02/27/2011
FUG	COMPONENT FUGITIVES	5665A
GLY-STILL	REGENERATION GAS DEHYDRATOR	106.352/09/04/2000
HOHHTR-1	HOT OIL HEATER	5665A
HTR-14	REGENERATION GAS HEATER	5665A
HTR-1	REGENERATION GAS HEATER	7/06/07/1996
HTR-DEHY	HEATER	106.352/09/04/2000
LOAD-BLIMP	LOAD OUT EMISSIONS - BLIMP TANK	106.352/09/04/2000
LOAD-OIL	SLOP OIL LOADOUT - PRODUCT	106.352/09/04/2000
LOAD-WATER	SLOP OIL LOADOUT - WASTE WATER TANK	106.352/09/04/2000
TK-18	METHANOL STORAGE TANK	61/05/08/1972
TK-214	GUNBARREL STORAGE TANK	106.352/09/04/2000
TK-215	SLOP OIL/CONDENSATE STORAGE TANK	106.352/09/04/2000
TK-217	WASTE WATER STORAGE TANK	106.352/09/04/2000
TK-21	LUBE OIL STORAGE TANK	66/11/05/1986
TK-22	LUBE OIL STORAGE TANK	66/11/05/1986

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
TK-23	LUBE OIL STORAGE TANK	66/11/05/1986
TK-31	LUBE OIL STORAGE TANK	66/11/05/1986
TK-32	LUBE OIL STORAGE TANK	66/11/05/1986
TK-36	LUBE OIL STORAGE TANK	66/11/05/1986
TK-38	LUBE OIL STORAGE TANK	66/11/05/1986
TK-3	STABILIZED PRODUCT STORAGE TANK	106.352/09/04/2000, 66/11/05/1986
TK-50	MINERAL SPIRITS STORAGE TANK	66/11/05/1986
TK-55	MOTOR OIL STORAGE TANK	66/11/05/1986
TK-6	SLOP OIL STORAGE TANK	66/11/05/1986
TK-8	LUBE OIL STORAGE TANK	66/11/05/1986
TK-DIESEL	DIESEL STORAGE TANK	106.352/09/04/2000
TK-GAS	GASOLINE STORAGE TANK	106.352/09/04/2000
TUR-1D	SOLAR SATURN 20 TURBINE - 1591 HP	106.512/06/13/2001
TUR-2A	SOLAR SATURN T1600 TURBINE - 1529 HP	106.512/06/13/2001
TUR-3B	SOLAR CENTAUR 40 TURBINE - 3683 HP	106.512/06/13/2001
TUR-COMP-1D	INLET GAS CENTRIFUGAL COMPRESSOR (WITH TUR-1D)	106.512/06/13/2001
TUR-COMP-2A	PROPANE CENTRIFUGAL COMPRESSOR (WITH TUR-2A)	106.512/06/13/2001
TUR-COMP-3B	RESIDUE GAS CENTRIFUGAL COMPRESSOR (WITH TUR-3B)	106.512/06/13/2001

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
UWP	ALLIS-CHALMERS CI ICE - 211 HP	7/05/08/1972

Appendix A

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Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
COMS	continuous opacity monitoring system
CVS	closed-vent system
D/FW	Dallas/Fort Worth (nonattainment area)
DR	Designated Representative
ELP	El Paso (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
GF	grandfathered
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MMBtu/hr	Million British thermal units per hour
MRRT	monitoring, recordkeeping, reporting, and testing
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PM	particulate matter
ppmv	parts per million by volume
PSD	prevention of significant deterioration
RO	Responsible Official
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound